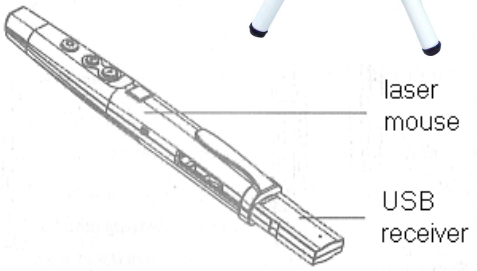
KEYTEC VIEW TOUCH USER'S MANUAL Rev. 110812

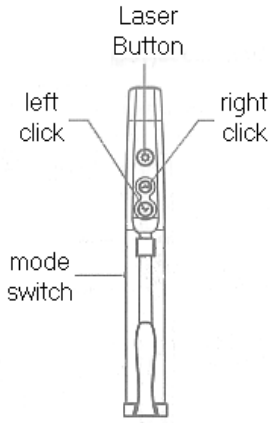
1. How does View Touch work? A **digital light sensor** is connected to a computer's USB port, and set up to view the entire projection screen. After running a calibration program and adjusting the sensitivity, the digital sensor can capture laser light or other bright light projected on the screen, and translate to a mouse function. The laser pointer or other light source can then be used as a mouse control device. Compatible with Windows and support Windows 7 multi-touch gestures,

2. What's included? **Digital light sensor**, **mini tripod**, **laser mouse**, **AA battery, installation CD**, **manual**, **warranty card.** You must have your own PC with Windows XP and up, projector and projection screen/board/wall.

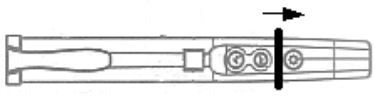
3. Software Installation Procedures:
3.1. If there is a previous View Touch installation, remove it first using add/remove program in control panel.
3.2. Do not plug in the **digital light sensor** before the software installation.
3.3. Insert CD, the Windows Installation Wizard should start. If not, run setup.exe from CD Rom.
3.4. Click "Next" in View Touch – Installation Wizard, then click "Install".
3.5. When prompted by Windows compatibility warning message, click "Continue Anyway" in Software Installation.
3.6. If your computer does not have DirectX installed, click "I accept the agreement" in Installing Microsoft DirectX, then click "Next", then "Finish". This step will be automatically skipped if you already have DirectX installed in your computer.
3.7. Software installation is completed, click "Finish" in "View Touch – Installation Wizard".
3.8. Plug the **digital light sensor** into a USB port. You may use active USB extension cable or powered USB hub to extend it.
3.9. Windows may update the driver automatically or start Found New Hardware Wizard, click "Yes, this time only", then click "Next", then click "Install the software automatically", then click "Next".
3.10. When prompted by Windows compatibility warning message, click "Continue Anyway" in Software Installation.
3.11. Click "Finish" to complete the Found New Hardware Wizard.

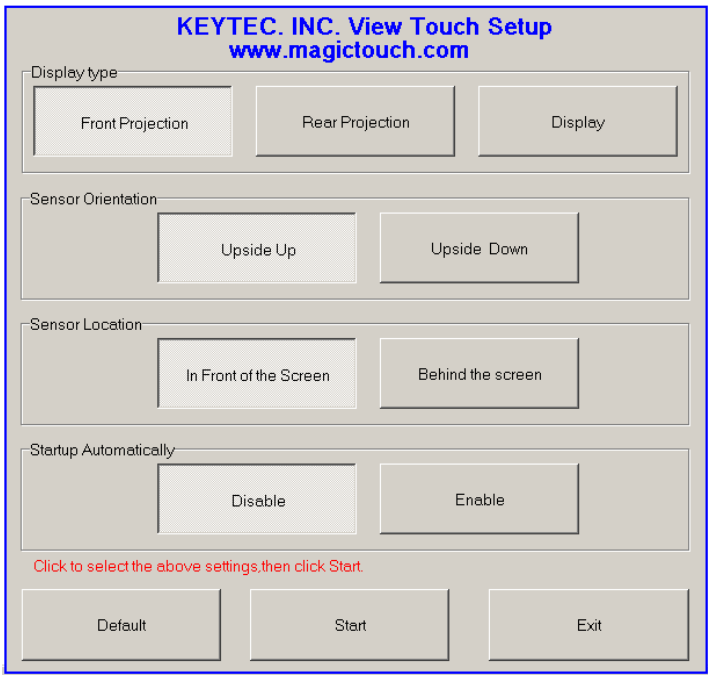
4. Hardware Installation Procedures:
4.1. The **digital light sensor** has a standard tripod mounting hole. It can be mounted on the **mini tripod** included, or any standard camera tripod. It can also be mounted upside down from the ceiling.
4.2. The **digital light sensor** should be positioned at a distance from the screen that is twice of the width of the projected image on the screen. If it is positioned too close, then the **digital light sensor** cannot cover the entire screen. It can be positioned farther away, but the resolution will become lower.
4.3. For the best results, the **digital light sensor** should be positioned within 15° along the center line of the screen (both vertically and horizontally). If not, it may result in increasingly uneven sensitivity due to the uneven distances between the sensor and the screen.
4.4. The laser mouse has a RF USB receiver on one end. Pull it out and insert into a USB port on your computer. Open the battery cover at the back, insert one **AAA battery**.





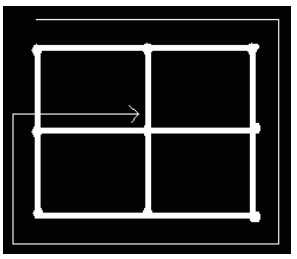
4.5. The mode switch at the left side of the **laser mouse** must be pushed forward to activate the left/right mouse clicks as indicated in the left picture.
4.6. Press the laser button to turn on the red laser to move the mouse cursor to the target. Release the laser button, press the 2nd button to activate the right click, press the 3rd button to activate the left click.
4.7. There is a D-ring kept in between laser button and the 2nd button. Push the D-ring forward to press and hold down the laser button so the laser beam is constantly turned on, then you can use the finger to press on the 3rd button to drag and draw.





4.8. Find the two icons on the desktop. Double click on VTouch icon to open the View Touch Setup window (VTouch Pen is for annotation and Power Point control).
4.9. Display Type: Select whether your computer screen is projected onto a screen/wall - specify front or rear projection. Display (LCD, Plasma, etc.) is not recommended unless the laser light can be seen.
Sensor Orientation: Select whether the **digital light sensor** is mounted Upside down (from ceiling) or Upside up.
Sensor Location: Select whether the **digital light sensor** is located in front of the screen or behind it (rear projection).
Startup Automatically: Select if you want the View Touch software starts automatically on computer start-up (previous calibration data will be loaded).
Once all selections are made, press "Start" to open the control panel.
4.10. The center picture-in-picture window in control panel shows what the **digital light sensor** sees. Adjust its position until the entire projected image is covered. You may check it by emitting laser light to the 4 corners of the projected image to make sure all the corners are covered.
4.11. Avoid bright spots appearing on the screen image, whether caused by nearby lamps, light fixtures, light from the projector, or other sources of strong light in the room. Otherwise the sensor will become 'fixated' on it, causing the cursor to 'stick' to the bright spot. To free your cursor, simply block the **digital light sensor**. Then adjust the angle of the projector, or dim the room lights, or move lamps until the bright spot is removed.

4.12. Click “Calibration” button. The **digital light sensor** takes a screen shot of a grid image and place it in the center window. Using your mouse, place the cursor at the center of each cross point of the grid (9 total) then click to place the calibration point. Start at the upper-left corner, continue clockwise around the figure, finishing in the center of the pattern.

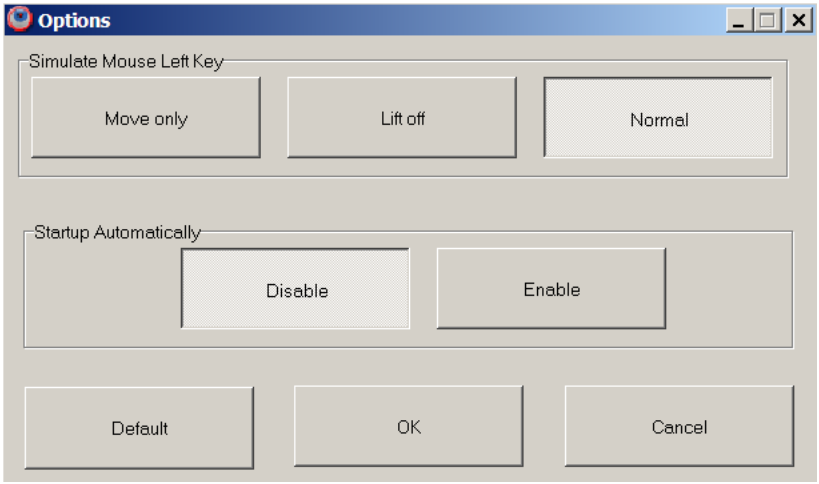


Check the accuracy by pointing laser to the screen and see if mouse cursor matches to the position of laser light. Recalibrate if necessary. If you need to reposition the sensor, press “Reset” button. Adjust the sensitivity scale at right until the laser mouse can move the cursor freely.

4.13. Click the top button on the left to set “speed levels” – fast, smooth, super smooth – responding to the speed of mouse clicks.

4.14. Click “Options” to open the selections: Although it is defaulted at “Normal” which is good when using on rear projection screen in close distance. Otherwise, click “**Move only**”, so the laser light only moves the cursor and does not activate the mouse click. Use the buttons on laser mouse to activate the clicks.

4.15. **Multi-touch option**: If you use Windows 7, you can click “Enable Multi” button to enable the multi touch capabilities with multiple laser pointers. The speed level will drop when the multi touch is enabled.



4.15. **View Touch Pen**:

This menu contains the tool buttons:

The Pen button shows the annotation menu

The Mouse button extends to Right click, Move only, Lift off and Normal modes (see 4.14)

The Speed button extends to Fast, Smooth, and Super Smooth (see 4.13)

Power Point Control Buttons include:
Home returns to the first slide

Left point arrow goes to previous slide

Right point arrow goes to next slide

End advances to the last slide

End PPT will exit the slide show.

Close View Touch Pen

This menu contains the View Touch Pen’s annotation options:

Click on the Pen to extend color and width selections for pen and highlighter. You can draw, mark, and write on the screen over any program.

Click Save to save the entire screen (annotations and all) as a snap shot in either BMP or JPG format.

Use Undo and Redo like you would in any graphic editing or word processing program.

Click Trash to clear the screen of annotations.

Click the Return Arrow to **return to the mouse control menu** shown in the left column.

Note: When in Pen mode, the mouse functions are disabled.

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